ABSTRACT

A decoy deployment and retrieval system includes an extensible boom and corresponding cradle or saddle for use in the retrieval of the towed decoy such that, upon retrieval, the extensible boom with its decoy captured in the cradle is retracted into a chamber so that the decoy can be deployed over and over again. In one embodiment, the decoy is both towed by, and controlled over, a fiber optic line in which a load cell is used to detect tension on the line to prevent damage, and a fiber optic rotary joint is utilized along with high voltage slip rings to permit electrical and optical coupling without backlash, fouling or damage to the line.